

ARTICLE 17. SPECIAL MONITORING REQUIREMENTS FOR  
UNREGULATED ORGANIC CHEMICALS

(1) Amend Section 64450 to read:

64450. Unregulated Chemicals --- Monitoring.

(a) Community water systems and nontransient-noncommunity water systems shall monitor for the chemicals in Tables 64450-A, 64450-B, 64450-C, and 64450-D, table 64450, pursuant to Section 64450.1 subsection (b):

Table 64450  
Unregulated Chemicals

<u>Chemical</u>	<u>Synonyms</u>
<u>(1) Boron</u>	
<u>(2) Chromium VI</u>	<u>Hexavalent chromium</u>
<u>(3) Dichlorodifluoromethane</u>	<u>Difluorodichloromethane</u>
<u>(4) Ethyl-tert-butyl ether</u>	<u>ETBE</u>
<u>(5) Perchlorate</u>	
<u>(6) tert-Amyl-methyl ether</u>	<u>TAME</u>
<u>(7) tert-Butyl alcohol</u>	<u>TBA</u>
<u>(8) 1,2,3-Trichloropropane</u>	<u>TCP</u>
<u>(9) Vanadium</u>	

(b) All vulnerable community and nontransient-noncommunity water systems shall conduct and complete one round of monitoring for hexavalent chromium by December 31, 2002, and for the other unregulated chemicals in table 64450 by December 31, 2003. Monitoring shall be conducted by collecting source water samples, or samples from the distribution entry points that are representative of typical operating conditions. At least one of the samples shall be collected during the period from May 1 through July 31 (vulnerable time), unless the Department specifies a different vulnerable time for the water system due to seasonal conditions related to use, manufacture and/or weather. Monitoring shall be as follows:

(1) Surface water systems shall collect four quarterly samples at each sample site; the system shall select either the first, second, or third month of a quarter and sample in that same month of each of four consecutive quarters.

(2) Ground water systems shall collect two samples in a single year, five to seven months apart.

(3) The water system shall collect each sample at the same sampling site, unless a change is approved by the Department.

(c) A water system may apply to the Department for a monitoring waiver for one or more of the chemicals on table 64450 in accordance with sections 64445(d)(1) and (2).

(d) If a system serves fewer than 150 service connections, it may be eligible for an exemption from the monitoring requirements of this section, based

on a Departmental review of the previous five years of sampling data. To request an exemption, the system operator shall submit a written request to the Department that includes a statement that the system is available for sampling by the Department.

(e) A water system that has monitoring data collected after January 1, 1998, that meets the requirements in subsection (b) may use that data to comply with the monitoring requirements in this section.

Table 64450-A  
Unregulated Organic Chemicals—List A

Chemical	Synonyms
(1) Bromobenzene	Monobromobenzene
(2) Bromodichloromethane	Dichlorobromomethane
(3) Bromoform	Tribromomethane
(4) Bromomethane	Methyl Bromide
(5) Chlorodibromomethane	Dibromochloromethane
(6) Chloroethane	Ethyl Chloride
(7) Chloroform	Trichloromethane
(8) Chloromethane	Methyl Chloride
(9) 2-Chlorotoluene	o-Chlorotoluene
(10) 4-Chlorotoluene	p-Chlorotoluene
(11) Dibromomethane	Methylene Bromide
(12) 1,3-Dichlorobenzene	m-Dichlorobenzene
(13) Dichlorodifluoromethane	Difluorodichloromethane
(14) 1,3-Dichloropropane	
(15) 2,2-Dichloropropane	
(16) 1,1-Dichloropropene	
(17) 1,1,1,2-Tetrachloroethane	
(18) 1,2,3-Trichloropropane	Allyl Trichloride

Table 64450-B  
Unregulated Organic Chemicals—List B

Chemical	Synonyms
(1) Bromacil	HYVAR X, HYVAR XL
(2) Bromochloromethane	Chlorobromomethane
(3) n-Butylbenzene	1-Butylpropane
(4) sec-Butylbenzene	2-Phenylbutane
(5) tert-Butylbenzene	2-Methyl-2-phenylpropane
(6) Chlorothalonil	BRAVO
(7) Dimethoate	CYGON
(8) Diuron	KARMEX, KROVAR
(9) Ethyl tert-butyl ether	ETBE
(10) Hexachlorobutadiene	Perchlorobutadiene
(11) Isopropylbenzene	Cumene
(12) p-Isopropyltoluene	p-Cymene
(13) Naphthalene	Naphthalin
(14) 1-Phenylpropane	n-Propylbenzene
(15) Prometryn	CAPAROL
(16) tert-Amyl-methyl ether	TAME
(17) 1,2,3-Trichlorobenzene	vis-Trichlorobenzene
(18) 1,2,4-Trimethylbenzene	Pseudocumene
(19) 1,3,5-Trimethylbenzene	Mesitylene

Table 64450-C  
Unregulated Organic Chemicals—List C

Chemical	Synonyms
(1) Aldicarb	
(2) Aldicarb sulfone	
(3) Aldicarb sulfoxide	
(4) Aldrin	Aldrec, Aldron
(5) Butachlor	Butanex, Lambast, Machete
(6) Carbaryl	Sevin
(7) Dicamba	Banex, Banvel, Dianat
(8) Dieldrin	
(9) 3-Hydroxycarbofuran	
(10) Methomyl	Lannate
(11) Metolachlor	Metellachlor
(12) Metribuzin	Lexone, Sencor, Sencoral
(13) Propachlor	Albrass, Ramrod

~~Table 64450-D~~  
~~Unregulated Inorganic Chemical~~

<del>Chemical</del>	<del>Synonym</del>
<del>Perchlorate</del>	

Note: Authority cited: Sections 100275, 116350 and 116375, Health and Safety Code.

Reference: Sections 116385 and 116555, Health and Safety Code.

(2) Repeal Section 64450.1:

~~64450.1. Monitoring — Unregulated Chemicals.~~

~~(a) Community and nontransient-noncommunity water systems shall monitor for the unregulated chemicals in this section at five-year intervals by collecting source water samples, or samples from the distribution entry points which are representative of typical operating conditions.~~

~~(1) For the chemicals in Tables 64450-A and 64450-B, surface water systems shall collect one year of quarterly samples at each sampling site, and ground water systems shall collect a minimum of one sample per sampling site.~~

~~(2) For the chemicals in Tables 64450-C and 64450-D, both surface and ground water systems shall collect four consecutive quarterly samples at each sampling site.~~

~~(3) For the chemicals ETBE, TAME, and perchlorate, systems may use monitoring data collected any time after January 1, 1993 for water sampling sites to meet the initial monitoring requirements in this subsection.~~

~~(4) The system shall collect each sample at the same sampling site, unless a change is approved by the Department.~~

~~(b) If a water system is determined by the Department to be nonvulnerable to one or more of the chemicals in Tables 64450-B, 64450-C, or 64450-D, pursuant to Subsection 64445(d)(1) or (2), it may request that the Department grant a monitoring waiver for those chemicals. The period of the waiver shall not exceed nine years.~~

~~(c) A water system may request approval from the Department to composite samples from up to five sampling sites. Approval will be based on a review of three years of historical data, well construction and aquifer information for groundwater, and intake location, similarity of sources, and watershed characteristics for surface water. Compositing shall be done in the laboratory and analyses shall be conducted within 14 days of sample collection.~~

~~(1) Systems serving more than 3,300 persons shall composite only from sampling sites within a single system. Systems serving 3,300 persons or less may composite among different systems up to the 5-sample limit.~~

~~(2) If any organic chemical is detected in the composite sample, a follow-up sample shall be analyzed within 14 days from each sampling site included in the composite for the contaminants which were detected. The water supplier shall report the results to the Department within 14 days of the follow-up sample collection. If available, duplicates of the original sample taken from each~~

~~sampling site used in the composite may be used instead of resampling.~~

~~(d) A community water system or nontransient noncommunity water system serving fewer than 150 service connections may be eligible for an exemption from the monitoring requirements of this section, based on a Departmental review of the previous five years of sampling data. To request an exemption, the system operator shall submit a written request to the Department which includes a statement that the system is available for sampling by the Department.~~

Note: Authority cited: Sections 100275, 116350, and 116375, Health and Safety Code.

Reference: Sections 116555, 116385, 116375, and 116400, Health and Safety Code.